

Lehi City Small Street Tree Recommendations

The trees in this section are smaller trees which normally do not reach a large height or trunk diameter.
Planting the right tree in the right place supports tree health and longevity.

All residential installations require a permit before planting in any park strip.

Recommended for park Strips 4' or wider.
Planting adjacent to power lines (Planting distance from power lines and mature canopy spread) . **Don't plant directly under power lines.**
All trees must be single trunk formed . No multi-stemmed trees are allows in a park strip. No weeping formed trees allowed in park strips.
Other varieties and cultivars not listed may be acceptable and approved by Lehi City Parks Department
Proper tree installation directions will be provided with all planting permits.
*See other planting criteria below.

Height and width vary with varieties								
Common Name	Botanical Name	Most Common Cultivars	Mature Height	Canopy Spread	Flowers	Fruit/Seeds	Fall Color	Additional Comments
Chokecherry	Prunus x virginiana	Canadian Red, Sucker Punch	20'- 25'	20'- 25'	White	Berries	Red	Green leaves in the spring, then turn Reddish Purple
Crabapple	Malus sp.	Many	10' - 30	10' - 30'	Many	Berries	Yellow/Red/Oranges	Recommended to plant fruitless or persistent varieties
Eastern Redbud	Cercis canadensis	Eastern, Forest Pansy,	20' - 30'	20' - 30'	Pink, White	Seeds	Yellow	Many Cultivars
Flowering Cherry, Akebono	Prunus x yedoensis Akebono		20'- 25'	20'- 25'	Light Pink	Berries	Yellow to Orange	Small berries that birds usually clean up
Flowering Cherry, Kwanzan	Prunus serrulata Kwanzan		25'	15' - 20'	Pink	Rare	Orange/Red	
Flowering Plum,	Prunus cerasifera	Krauter Vesuvius, Thundercloud	15' - 20'	15'	Pink	Rare	Red	Both rarely fruit, Red leaves in the summer
Fringetree, Chinese	Chionanthus retusus		20'- 25'	20'- 25'	White	Tiny Berries	Yellow	Bark exfoliates in the fall
Hawthorn, Carrier	Crataegus lavallei 'Carriere'		20' - 25'	20'	White	Berries	Yellow	Thorns
Hawthorn, Thornless Cockspur	Crataegus crus-galli	Crusader, Thornless,	15' 20'	20' - 25'	White	Berries	Yellow	Some Cultivars have thorns
Hawthorn, Washington	Crataegus phaenopyrum		25' - 30'	20' - 25'	White	Berries	Yellow	Thorns
Lilac, Japanese Tree Lilac	Syringa reticulata	Ivory Silk	20-25'	15-20'	White	Seed Pods	Yellow	Exfoliating Bark
Lilac, Peking Lilac	Syringa pekinensis	China Snow, Summer Charm	20-25'	15-20'	White/Cream	Seed Pods	Yellow	Exfoliating Bark
Linden, Summer Sprite	Tilia cordata 'Summer Sprite'		20'	15'	Insignificant	Seeds	Yellow	
Maackia	Maackia amurensis	MaackNificent®	20' - 30'	15' - 20'	White	Seeds	Yellow	
Maple, Amur	Acer ginnala	Embers, Flame, Ruby Slippers	15-20'	15-20'	Insignificant	Seeds	Red to Orange	May suffer from Iron Chlorosis in heavy clay soil
Maple, Bigtooth	Acer grandidentatum	Rocky Mt. Glow, Mesa Glow	20'-25'	15'-25'	Insignificant	Seeds	Yellow to Orange	Native
Maple, Shantung /Sunset	Acer truncatum x Acer plantanodies	Ruby Sunset	25'	20'	Insignificant	Seeds	Red to Orange	
Maple, Tatarian	Acer tataricum	Hot Wings, Pattern Perfect, Rugged Charm	20-25'	15-20'	White	Seeds	Red to Orange	Colorful Seeds
Maple, Trident	Acer buergerianum	Streetwise	20-30'	15-25'	Insignificant	Seeds	Red to Orange	Slow Growing,
Serviceberry	Amelanchier x grandiflora	Robin Hill, Autumn Brilliance	20' - 25'	15'-20'	White	Tiny Berries	Red to Orange	Multi stemmed forms are not allowed in park strips
Zelkova	Zelkova serrata	City Sprite, Kiwi Sprite	20' - 25'	15' - 20'	Insignificant	Insignificant	Yellow	
Zelkova, Wireless	Zelkova serrata 'Schmidtlow' Wireless®		25'	30' - 35'	Insignificant	Insignificant	Yellow	Wider Spreading than height

***The site chosen for planting should follow the below criteria:**

- Never plant directly under power lines
5’ from water meter and/or utility box
10’ from fire hydrant
35’ from stop signs
30’ from commercial driveway and/or alley
- 40’ from an intersection with traffic lights
20' from utility pole and/or light
10' from a Power Transformer
Any tree located on private property (not in park strip) must be planted 4' away from a curb or sidewalk

Lehi City Medium Street Tree Recommendations

The trees in this section are considered to be of medium height to an average of 25'+ to 40'.

Planting the right tree in the right place supports tree health and longevity.

All residential installations require a permit before planting in any park strip.

Recommended for planting for park strips 8' or wider.

There are no high voltage power lines. Never plant directly under power lines

All trees must be single trunk formed. No multi-stemmed or weeping formed are allowed in a park strip.

Other varieties and cultivars not listed may be acceptable and approved by Lehi City Parks Department

Proper tree installation directions will be provided with all planting permits.

*See additional planting cirteria below.

Height and width vary with varieties								
Common Name	Botanical Name	Most Common Cultivars	Mature Height	Canopy Spread	Flowers	Fruit/Seeds	Fall Color	Additional Comments
American Hornbeam	Carpinus caroliniana 'Uxbridge' Rising Fire®		30'	15'	Insignificant	Insignificant	Reddish	
Amur Chokecherry	Prunus Maackii		30'-40'	30'	White	Small Fruit	Yellow	Younger trees tend to leaf scorch in the heat
Elm, Emerald Sunshine	Ulmus propinqua 'Emerald Sunshine'		35'	25'	Insignificant	Insignificant	Red to Orange	
Elm, Frontier	Ulmus 'Frontier'		30'-35'	20'-25'	Insignificant	Insignificant	Reddish Purple	
Elm, Prospector	Ulmus wilsoniana 'Prospector'		40'	30'	Insignificant	Insignificant	Yellow	
Goldenrain Tree	Koelreuteria paniculata	Metro Gold	35'	20'	Yellow	Seeds	Yellow	Drought tolerant, Corky Bark
Hawthorn, Winter King	Crataegus viridis		35'	35'	White	Berries	Orange - Red	Nearly Thornless
Hornbeam	Carpinus betulus	Pyramidal, Emerald Avenue, Frans Fontaine	30'-40'	15'-30'	Insignificant	Insignificant	Yellow	Younger trees tend to leaf scorch in the heat
Maple, Shantung	Acer truncatum	Pacific Sunset, Norwegian Sunset, Ruby Sunset	25-35'	20-30'	Insignificant	Seeds	Red to Orange	Heat Tolerant
Serviceberry	Amelanchier laevis	Spring Flurry	35'	20'	White	Tiny Berries	Orange	Multi stemmed forms are not allowed in park strips
State Street Maple	Acer miyabei 'Morton' State Street™		35'-45'	30'- 35'	Insignificant	Seeds	Yellow	

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- Never plant directly under power lines
- 5’ from water meter and/or utility box
- 10’ from fire hydrant
- 35’ from stop signs
- 30’ from commercial driveway and/or alley
- 40’ from an intersection with traffic lights
- 20' from utility pole and/or light
- 10' from a Power Transformer
- Any tree located on private property (not in park strip) must be planted 4' away from a curb or sidewalk

Lehi City Large Street Tree Recommendations

Listed trees reach large height and canopy widths 45' +

All residential installations require a permit before planting in any park strip.

Recommended for park Strips 10' or wider

These trees are encouraged to be planted in the yard where no power lines exist. Don't plant directly under powerlines

All trees must be single trunk formed . No multi-stemmed trees are allows in a park strip

Other varieties and cultivars not listed may be acceptable and approved by Lehi City Parks Department

*See additioanl planting criteria below.

Common Name	Botanical Name	Most Common Cultivars	Mature Height	Canopy Spread	Flowers	Fruit/Seeds	Fall Color	Additional Comments
Catalpa, Northern	Catalpa speciosa		50-70'	20-50'	White	Seeds	Yellow	White flower clusters. Large Leaves
Elm, Accolade	Ulmus japonica × Accolade		50-60'	30-40'	Insignificant	Seeds	Yellow	Excellent Dutch Elm Disease resistance.
Elm, New Horizon	Ulmus japonica × pumila New Horizon		50-55'	30-40'	Insignificant	Seeds	Yellow	Tough tree
Hackberry	Celtis occidentalis		40-60'	40-60'	Insignificant	Seeds	Yellow	Corky bark. Tolerant of wet and dry soils
Hornbeam	Carpinus betulus	Emerald Avenue, Frans Fontaine	40-60'	15-40'	Insignificant	Seeds	Yellow to Orange	narrow to broad dependent on variety
Kentucky Coffee Tree	Gymnocladus dioicus	Expresso, Skinny Latte, Stately Manor	60-80'	20-45'	Insignificant	Seeds	Yellow	Leaves drop early in the fall.
Linden, Silver	Tilia tomentosa	Sterling Silver, Satin Shadow	50-70'	25-40'	Cream Colored	Seeds	Yellow	Fragrant flowers. Silver leaf backs
London Plane Tree/ Sycamore	Platanus × acerifolia	Bloodgood, Exclamation, Ovation	60-70'	30-60'	Insignificant	Seed Ball	Yellow	Exfoliating cream colored bark
Maidenhair Tree	Ginkgo biloba	Autumn Gold, Emperor, Fairmount, Princeton Se	50 - 70'	15'- 35'	Insignificant	Seeds	Yellow	Plant only male varieties
Maple, Sycamore	Acer pseudoplatanus		40-55'	35-55'	Insignificant	Seeds	Yellow	Gray flaky bark adds interest
Oak, Bur	Quercus macrocarpa	Bullet Proof, Cobblestone	60-80'	60-80'	Insignificant	Acorn	Yellow	Tolerant of all Soil conditions
Oak, Chinkapin	Quercus muehlenbergii		40-60'	50-60'	Insignificant	Acorn	Ylw-Brn to Red	Tolerant of Alkaline soil
Oak, English	Quercus robur		50-70'	50-70'	Insignificant	Acorn	Yellow-Brown	Tolerant of Alkaline soil
Oak, Heritage	Quercus x macdanielii 'Clemons' PP11431 Heritage®		40 - 50'	35' - 40'	Insignificant	Acorns	Yellow-Brown	Tolerant of heat and drought, Slow growing
Oak, Shumard	Quercus shumardii		40-60'	30-40'	Insignificant	Acorn	Brown to Red	Tolerant of damp to dry soils
Oak, Swamp White	Quercus bicolor		50-60'	50-60'	Insignificant	Acorn	Brown to Red	Tolerant of urban conditions
Tulip Tree	Liriodendron tulipifera		60-70'	30-50'	Green/Yellow	Seeds	Yellow	flowers somewhat hidden by leaves
Zelkova	Zelkova serrata	Green Vase, Village Green, Musashino	40-55'	15-50'	Insignificant	Seeds	Yellow	

The site chosen for planting should follow the below criteria:

Never plant directly under power lines

5’ from water meter and/or utility box

10’ from fire hydrant

35’ from stop signs

30’ from commercial driveway and/or alley

40’ from an intersection with traffic lights

20' from utility pole and/or light

10' from a Power transformer

Any tree located on private property (not in park strip) must be planted 4' away from a curb or sidewalk

Plant the Right Tree for the Right Place!

All residential installations require a permit before planting in any park strip.

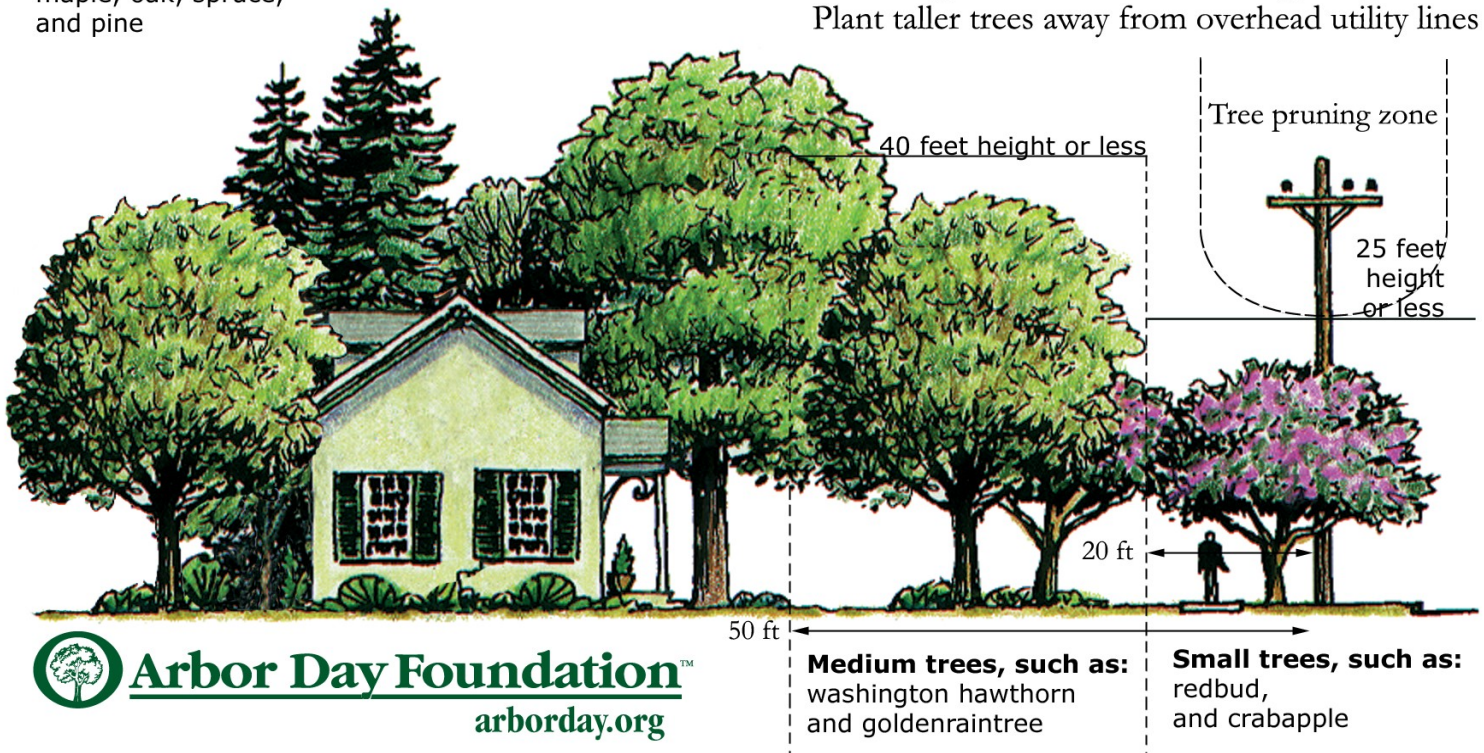
For a tree to thrive, it must match the site conditions. Considering that most trees have the potential to outlive the people who plant them, the decision about what kind of tree to plant can have long-term implications on trees. Ask yourself the following;

- Do overhead or below ground utilities preclude planting a tree?
- What clearance is needed for roadways, street signs, sidewalks, patios, or driveways?
- Space Constraints and Form? Choose a tree that will fit the area at maturity.
- Are there bordering trees in neighboring properties?
- Soil Conditions. Is it clay or sandy? Is there enough soil or is it too shallow to support a tree? Does the area have poor drainage?
- Insect and Disease susceptibility. Some trees are very prone to pests.
- How will necessary maintenance be provided? Pruning, watering, Etc.

Tall trees, such as:
maple, oak, spruce,
and pine

Plant the right tree in the right place

Plant taller trees away from overhead utility lines



Above picture courtesy of Arbor Day Foundation.

Lehi Unacceptable Street Tree List

The following species are **NOT** to be planted in any park strip in Lehi.

These trees exhibit characteristics including but not limited to: Undesirable root systems, extreme insect or disease susceptibility, soft or brittle wood, fruit, line of site restrictions, and/or limited cold or heat hardiness.

Such problems often lead to excessive maintenance costs, hazards to other trees and potential public safety hazards.

All species of the following trees:

- Ash—Fraxinus sp.
- Birch—Betulus sp.
- Black Locust—Robinia pseudoacacia
- Boxelder—Acer negundo sp.
- Cottonwoods/Aspens/Poplars—Populus sp.
- Elm Siberian—Ulmus pumila
- Evergreens
- Flowering Pear—Pyrus calleryana sp.
- Fruit Bearing Trees
- Fruitless Mulberry—Morus alba
- Honeylocust—Gledesia sp. (acceptable in strips 10' or larger)
- Maple –Freeman—Acer x freemanii sp.
- Maple Red—Acer rubrum sp.
- Maple, Silver—Acer saccharinum
- Maple Sugar– Acer Saccharum sp.
- Multi– Stemmed trees (All Clump Forms)
- Russian Olive—Elaeagnus angustifolia
- Saltcedars—Tamarix
- Tree of Heaven– Alianthus altissima
- Umbrella Catalpa—Catalpa bignonioides 'Nana'
- Weeping Formed Trees—Numerous Species
- Willows—Salix sp.

No trees are to be planted within 10' of any power line including a mature canopy.

Trees also should be planted at least 10' from power transformers.

No trees may be planted within 35' of a street warning sign or 25' of an street intersection,

40' from a traffic light.,

10' from a fire hydrant,

5' from a water meter,

20' from a light pole.

Private trees located in the yard and not in the park strip can not be planted closer than 4' to any city sidewalk or curb.

Lehi Community Forestry ordinances Chapter 35 pertain to all vegetation within the Right of Way areas.

All residential installations require a permit before planting in any park strip.